

US EPA ARCHIVE DOCUMENT

Measuring Indicators of Progress

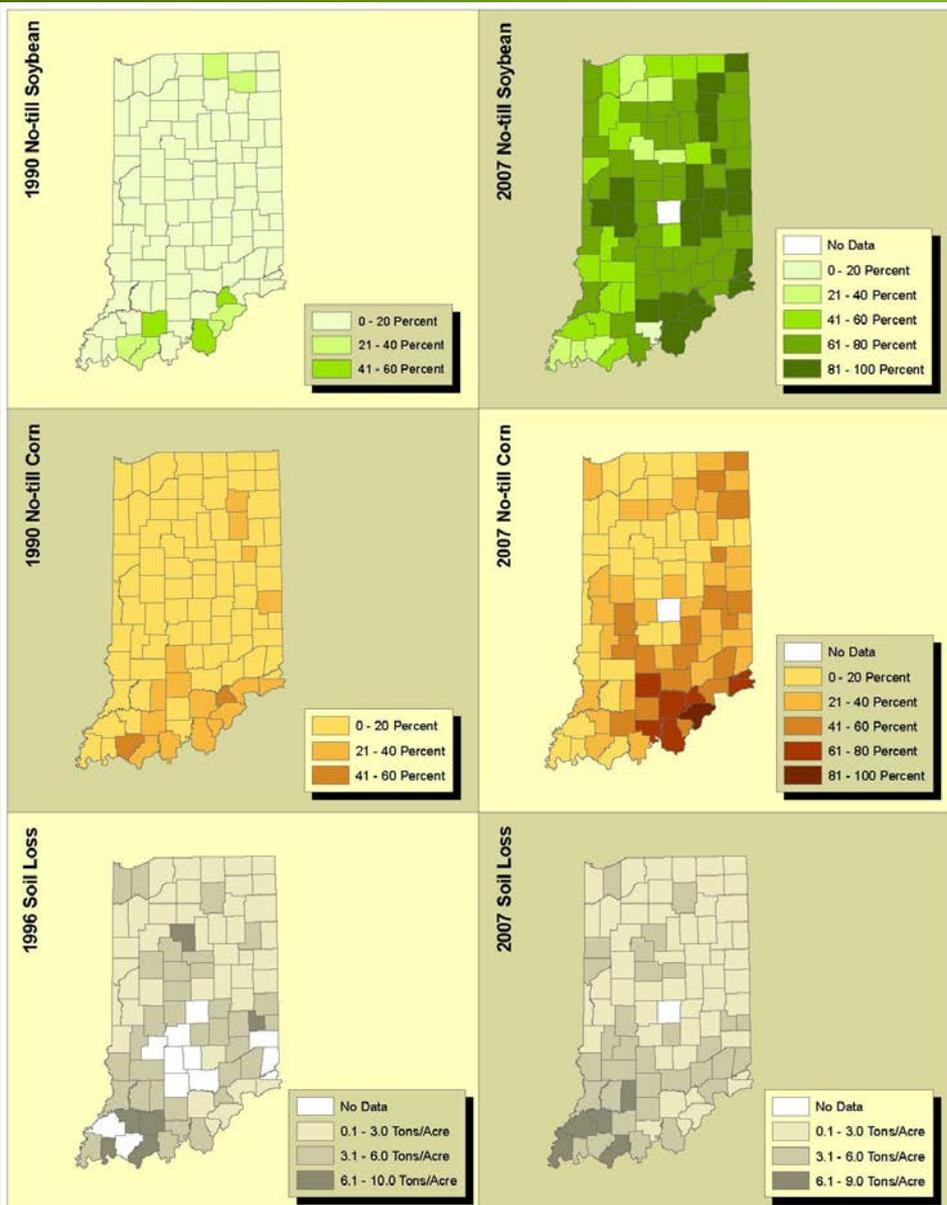
Jerod Chew

Indiana State Dept. of Ag,

Director of Environmental Stewardship

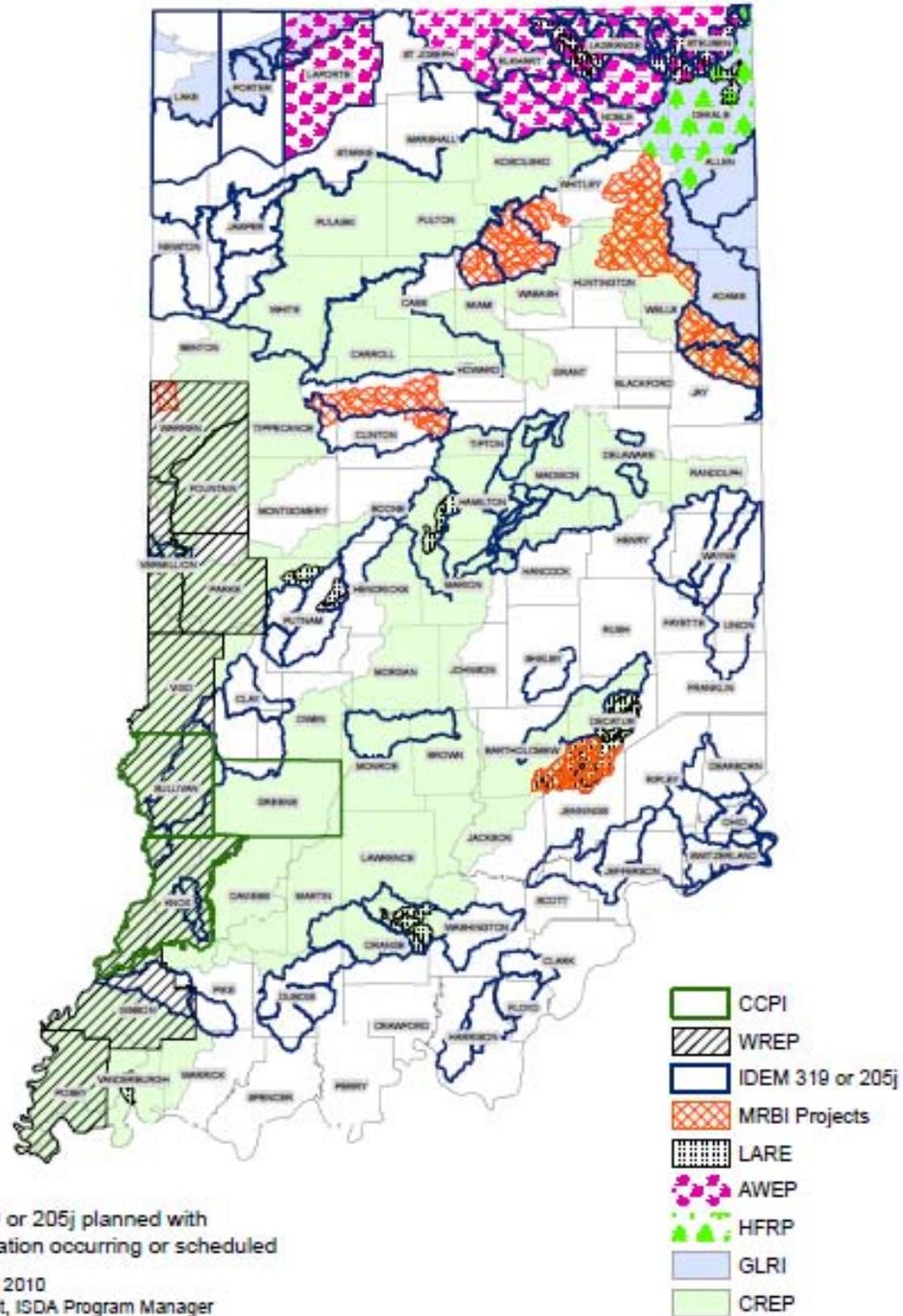


Environmental Stewardship: 1990-2007



Since 1990, the overwhelming adoption of conservation tillage has resulted in 75% of the state managing erosion at or below “T” (tolerable rate of soil loss)

ICP Project/Initiatives



*IDEM 319 or 205j planned with implementation occurring or scheduled

November 8, 2010
 Deb Fairhurst, ISDA Program Manager

Have a seat Kermit. What I'm about to tell you might come as big shock...



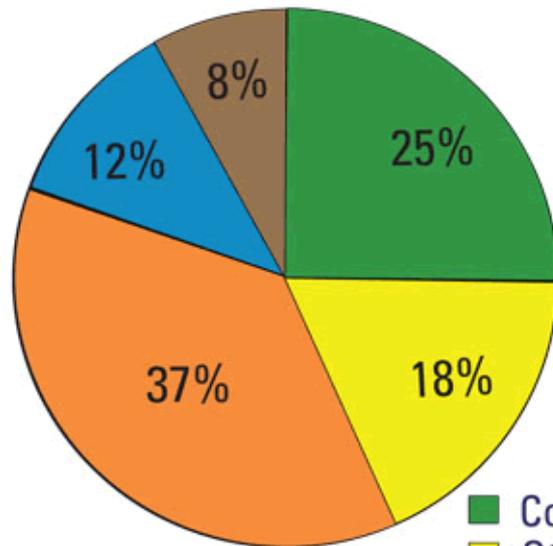
paisdelocos.com

So what about this.....

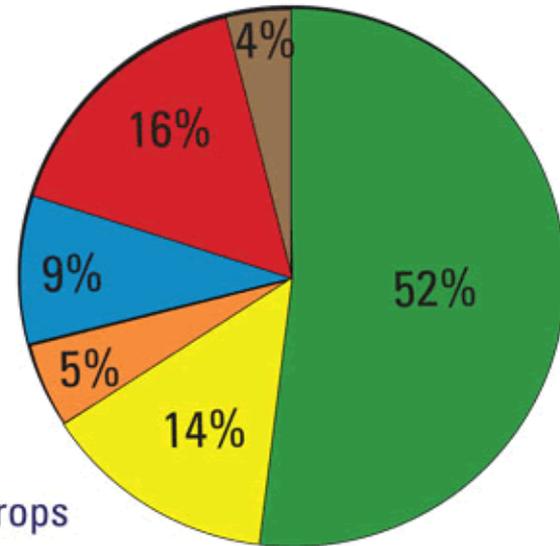


Sources of nutrients delivered to the Gulf of Mexico

PHOSPHORUS



NITROGEN



Sources

- Corn and soybean crops
- Other crops
- Pasture and range
- Urban and population-related sources
- Atmospheric deposition
- Natural land





**Conservation
Practice:**

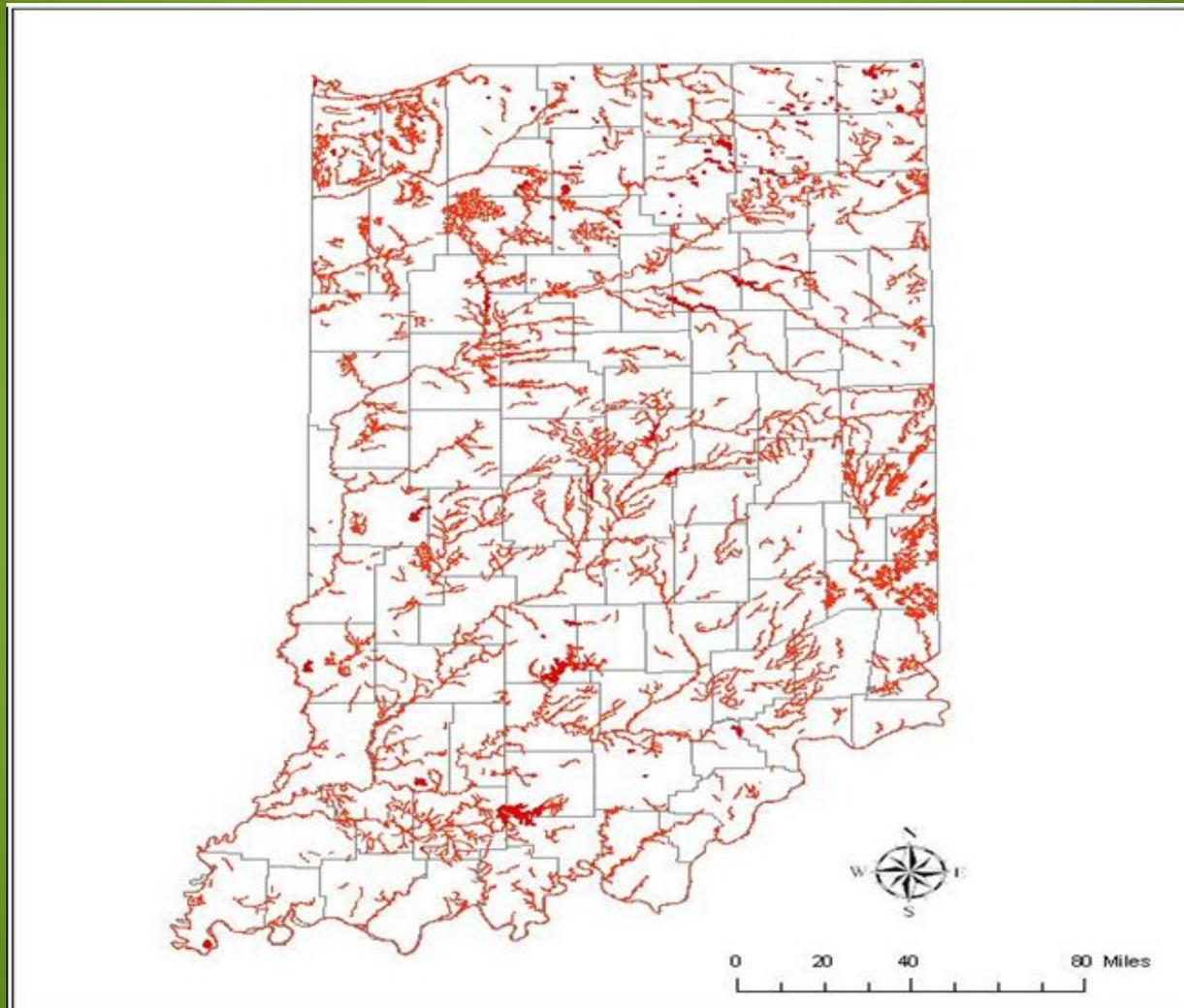
Filter Strip

DeKalb Soil and Water
Conservation District
260-925-5620





So what about this.....



Mapped By:
Jody Arthur, Office of Water Quality
September 17, 2009
Map Projection: UTM Zone 16 N
Map Datum: NAD83

Legend

-  Streams with one or more impairments identified on Indiana's 2010 Draft 303(d) List of Impaired Waters
-  Lakes with one or more impairments identified on Indiana's 2010 Draft 303(d) List of Impaired Waters
-  County boundary



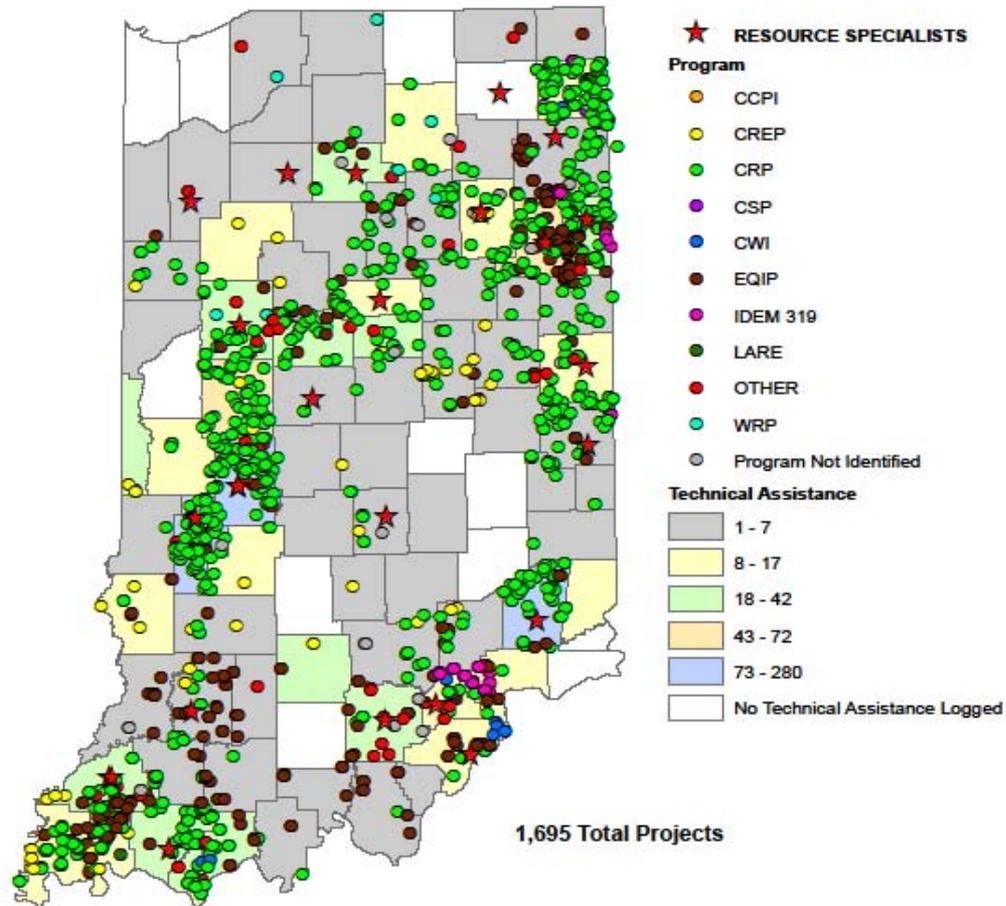


Gulf Hypoxia Measure of Success

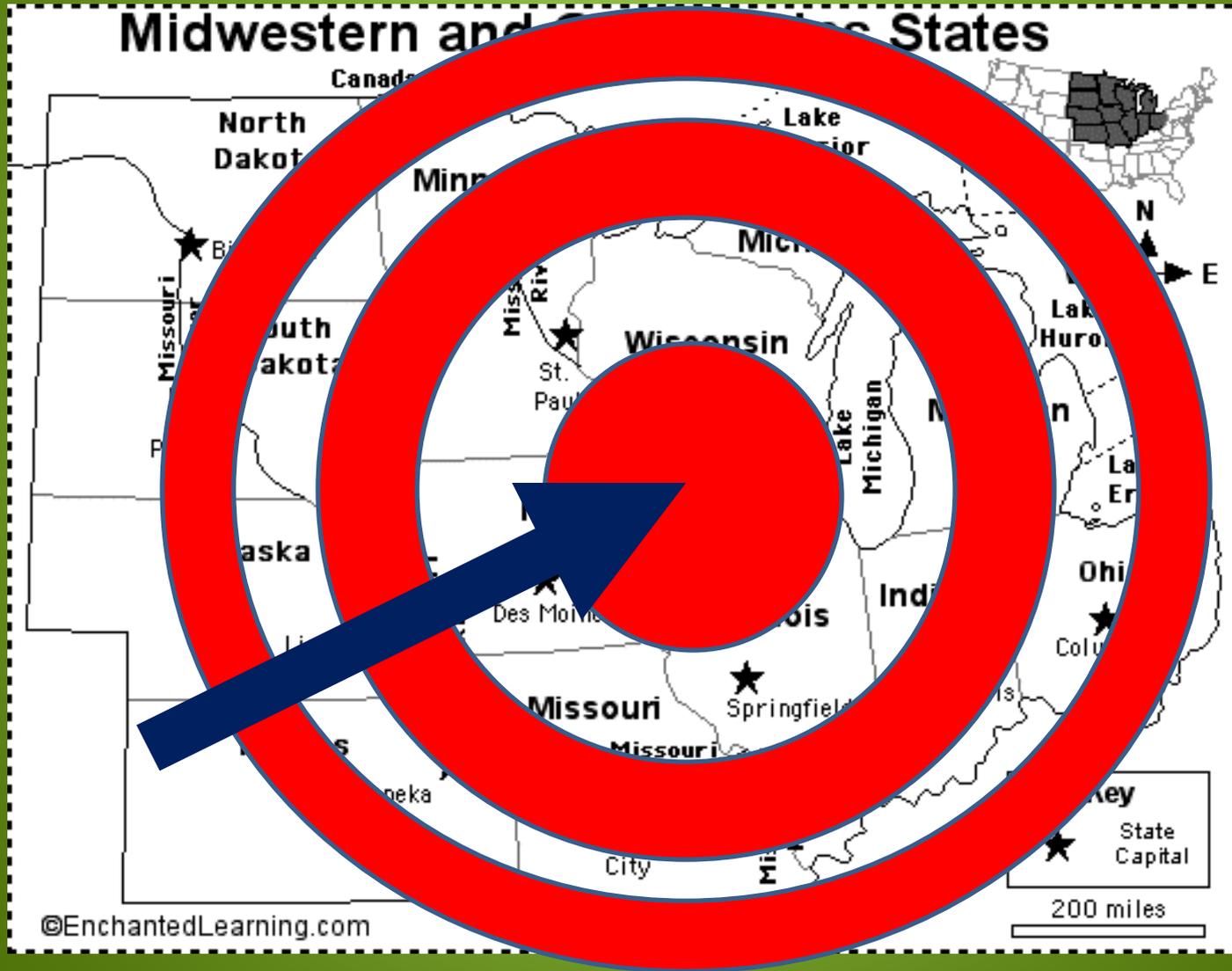
Coastal Goal: Subject to the availability of additional resources, we strive to reduce or make significant progress toward reducing the five-year running average areal extent of the Gulf of Mexico hypoxic zone to less than 5,000 square kilometers by the year 2015

DSC Conservation Practice Workload

July 2010 thru May 2011



Midwest Hypoxia Target





10.11.2005